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Atty. Dkt. No. 02CR145/KE (047141-0292)

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

(Currently Amended) A method of retransmitting a data cell, comprising: providing a transmit queue having a head and a tail; providing a retransmit queue having a head and a tail; transmitting a first data cell from the head of the transmit queue; inserting the first data cell at the tail of the retransmit queue in response to a HBH

## ACK mark; and

retransmitting a second data cell at the head of the retransmit queue.

- 2. (Original) The method of claim 1, further comprising: marking the first data cell as requiring receive acknowledgement.
- (Original) The method of claim 1, further comprising: 3. determining if the second data cell has timed out.
- 4. (Original) The method of claim 1, further comprising: determining if the second data cell has exceeded its predetermined number of retransmissions.
  - 5. (Original) The method of claim 1, further comprising: reinserting the second data cell at the tail of the retransmit queue.
- 6. (Original) The method of claim 1, further comprising: discarding the second data cell because it has exceeded its predetermined number of retransmissions or it has timed out.

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- 7. (Currently Amended) The method of claim 1, further comprising:
  reinserting the first data cell at the tail of the recirculation retransmit queue after
  the first data cell has been transmitted from the head of the retransmitsion retransmit queue.
- 8. (Currently Amended) A communications system having a transmission reliability subsystem, the reliability subsystem comprising:
  - a means for providing a transmit queue having a head and a tail; a means for providing a retransmit queue having a head and a tail; a means for transmitting a first data cell from the head of the transmit queue;
- a means for inserting the first data cell at the tail of the retransmit queue in response to a HBH ACK mark; and

a means for retransmitting a second data cell at the head of the retransmit queue.

- (Original) The communications system of claim 8, further comprising:
   a means for marking the first data cell as requiring receive acknowledgement.
- 10. (Original) The communications system of claim 8, further comprising: a means for determining if the second data cell has timed out.
- 11. (Original) The communications system of claim 8, further comprising:

  a means for determining if the second data cell has exceeded its predetermined number of retransmissions.
  - 12. (Original) The communications system of claim 8, further comprising: a means for reinserting the second data cell at the tail of the retransmit queue.
- 13. (Original) The communications system of claim 8, further comprising:
  a means for discarding the second data cell because it has exceeded its
  predetermined number of retransmissions or it has timed out.

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14. (Currently Amended) The communications system of claim 8, further comprising:

a means for reinserting the first data cell at the tail of the <u>retransmit</u> <del>recirculation</del> queue after the first data cell has been transmitted from the head of the <u>retransmit</u> <del>retransmit</del> <del>retransmit</del> queue.

15. (Currently Amended) A communications system, comprising: a plurality of transceiver nodes configured to utilize a time division multiple access structure to communicate between the transceiver nodes; and

the time division multiple access structure including a plurality of time slots, wherein during which the transceiver nodes are configured to communicate data cells during the time slots, the data cells being transmitted from a transmission queue and a retransmission queue,

wherein cells transmitted from the transmission queue are selectively placed sequentially into the retransmission queue for later retransmission in response to the HBH ACK mark.

- 16. (Original) The communications system of claim 15, wherein the cell transmitted from the transmission queue has been marked for receive acknowledgement.
- 17. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue is discarded if timed out.
- 18. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue has matched its predetermined number of retransmissions.
- 19. (Original) The communications system of claim 15, wherein the cell at a head of the retransmission queue is retransmitted and then placed at a tail of the retransmission queue.
- 20. (Original) The communications system of claim 15, wherein each packet includes a plurality of cells.

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